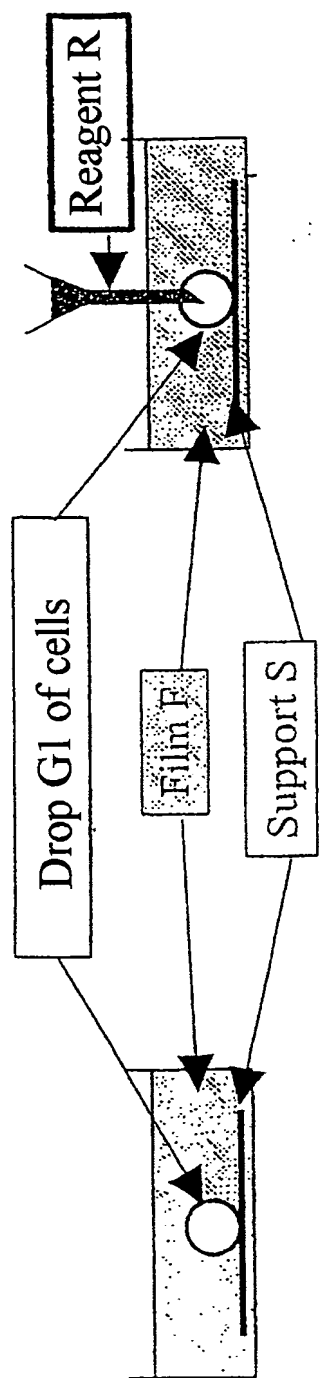


Figure 1: Transfection by injection of drops : R into G1



A. Drop G1 on support S

➔

B. Injection of reagent R into G1

Figure 2: Transfection by fusion of drops: G1 + R

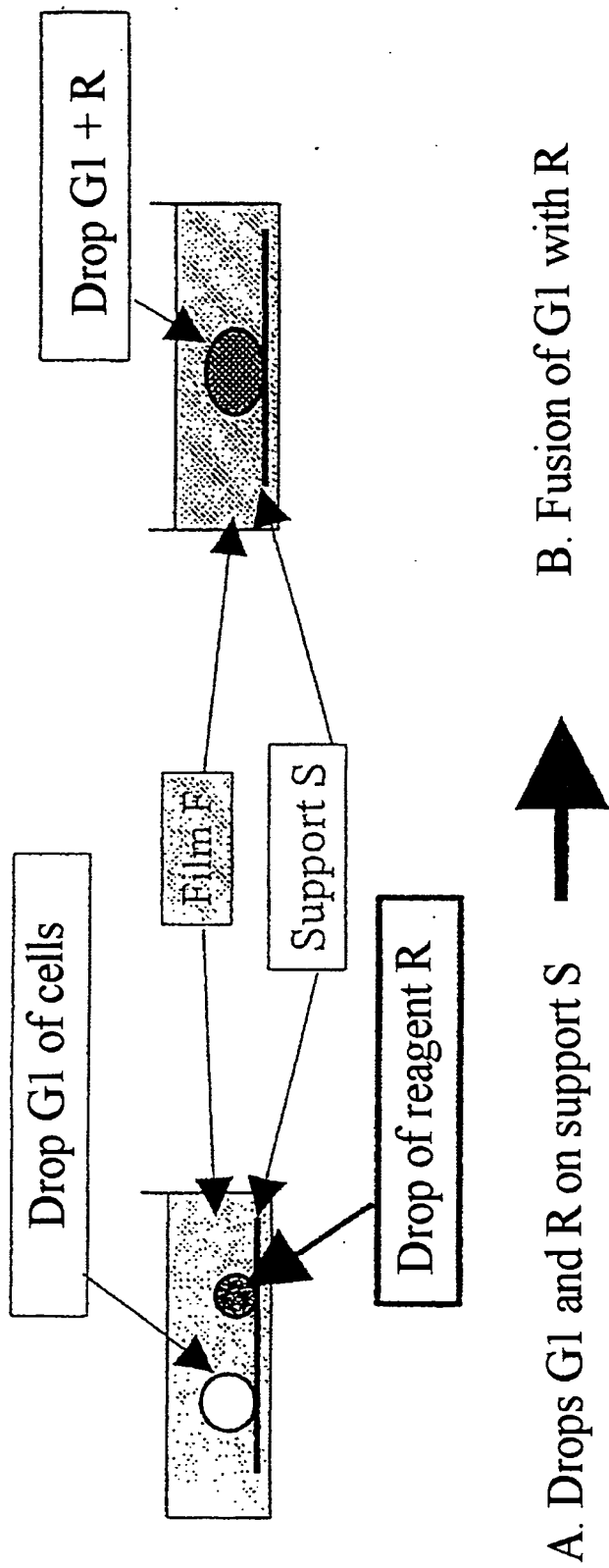


Figure 3: Transfection in drop G1 by detachment of reagent R

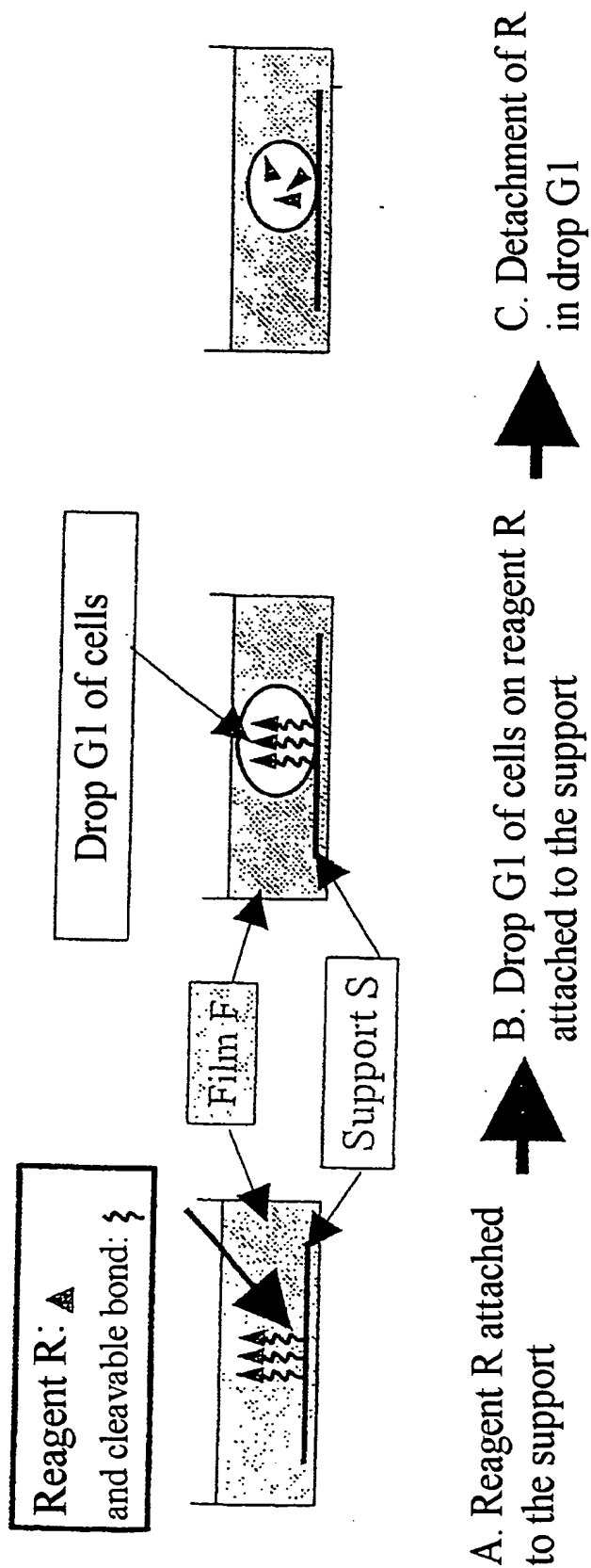
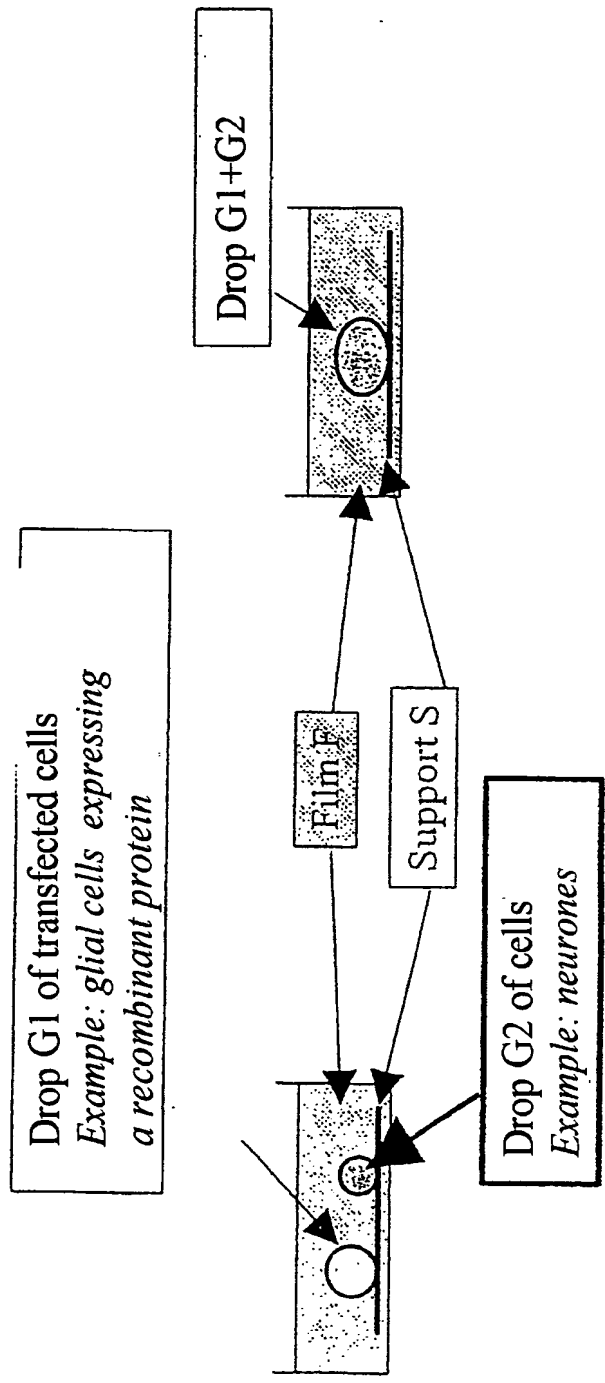


Figure 4: Fusion of cell drops G1+G2 after transfection
Example of the expression of a recombinant protein in a suspension of glial cells and of the activation of a suspension of neurones



A. Drop G1 of transfected cells
and drop G2 of cells on support S

➔

B. Fusion of G1 with G2

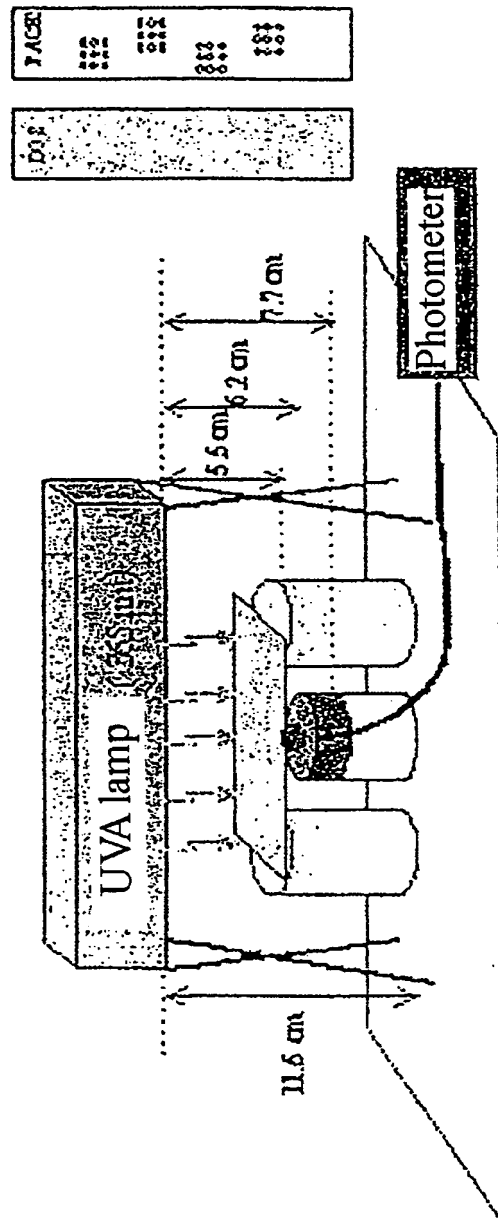


Figure 5: Photocleavage device

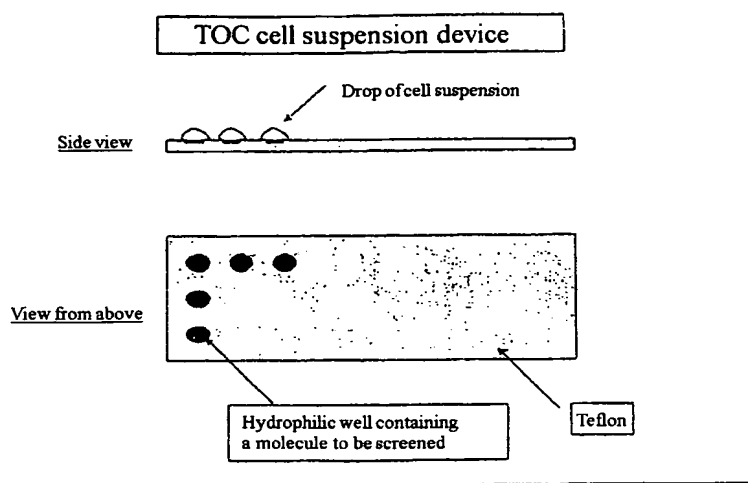


Figure 6

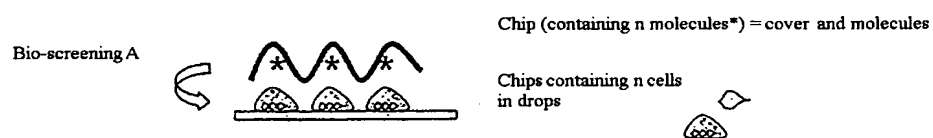
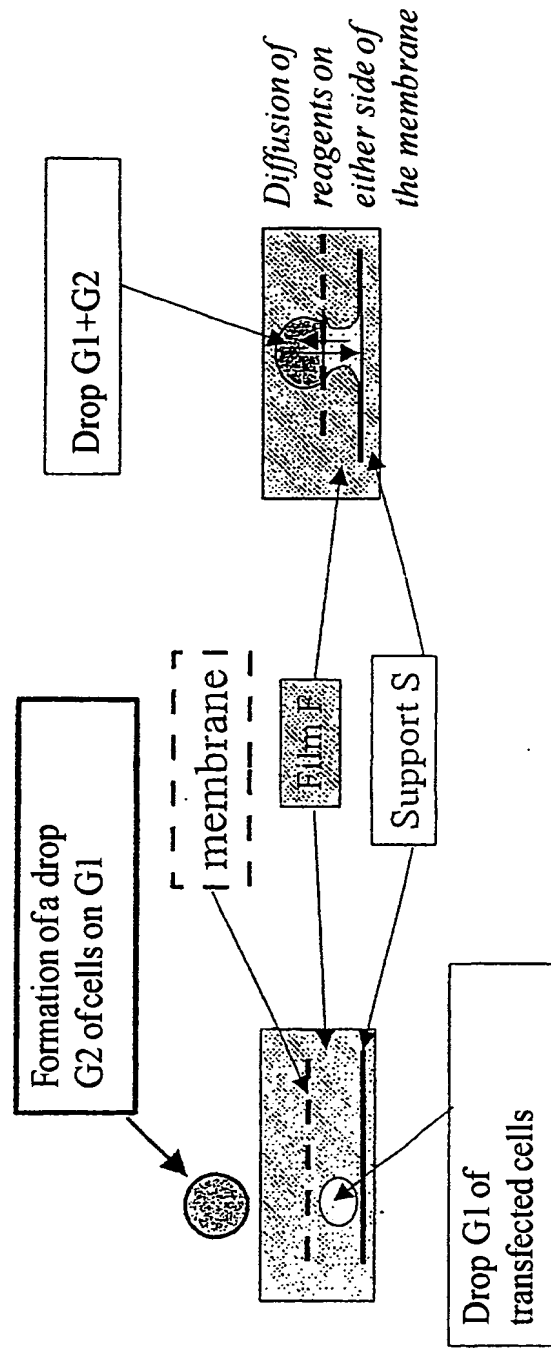


Figure 7

Figure 8: Membrane between two cell drops G1 and G2



A. Membrane deposited on drop G1 of cells
and formation of a drop G2 of cells

➔ B. Fusion of G1 with G2

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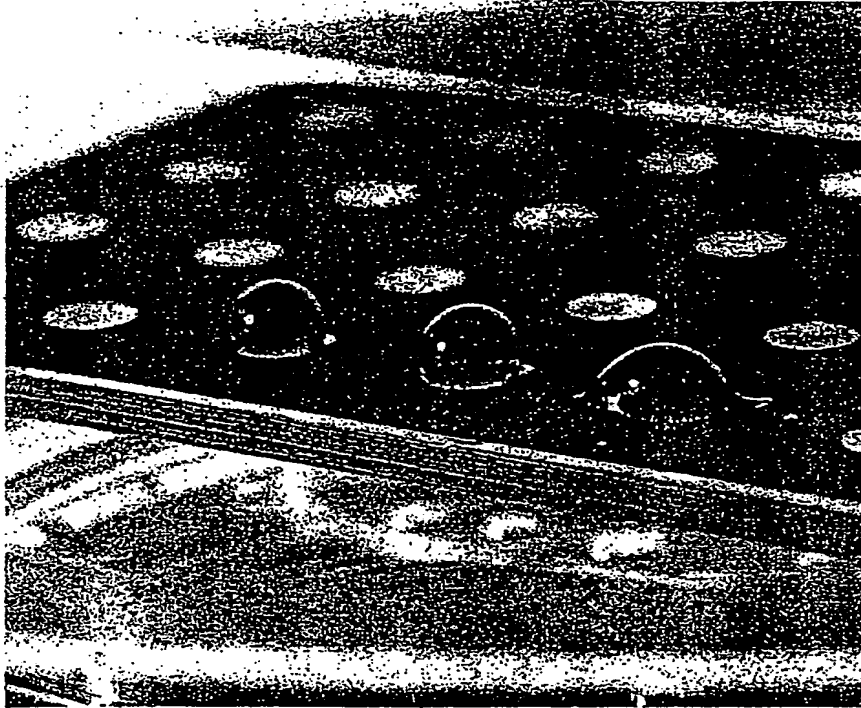


FIGURE 9